

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/002931

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01S17/93 G01S13/93 G01S17/89 G01S13/86 G01S17/87

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/103385 A (IBE0 AUTOMOBILE SENSOR GMBH ; DIETMAYER KLAUS (DE); LAGES ULRICH (DE)) 27 December 2002 (2002-12-27) page 32, line 12 - page 34, line 15 page 37, line 1 - page 38, line 15 page 11, line 10 - line 14	1-12
A	US 2003/060956 A1 (EBENSTEIN SAMUEL EDWARD ET AL) 27 March 2003 (2003-03-27) abstract	
A	EP 1 338 477 A (TOYOTA MOTOR CO LTD) 27 August 2003 (2003-08-27) abstract	1-12
A	US 6 492 935 B1 (HIGUCHI TAKASHI) 10 December 2002 (2002-12-10) the whole document	1-12
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

15 December 2004

Date of mailing of the international search report

28/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 633 705 A (ASAYAMA YOSHIKI) 27 May 1997 (1997-05-27) abstract	1-12
A	DE 101 33 945 A (BOSCH GMBH ROBERT) 6 February 2003 (2003-02-06) the whole document	1-12

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